

SUPPLEMENT

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))		Docket No. UDC-20101	
In Re Application Of: Michael Stuart Weaver et al.			
Serial No. 10/043,849	Filing Date 1/10/02	Examiner Unassigned	Group Art Unit Unassigned
Title: <b>OLEDs HAVING INCREASED EXTERNAL ELECTROLUMINESCENCE QUANTUM EFFICIENCIES</b>			
Address to: Assistant Commissioner for Patents Washington, D.C. 20231			
<b>37 CFR 1.97(b)</b>			
1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.			
<b>37 CFR 1.97(c)</b>			
2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:			
<input type="checkbox"/> the statement specified in 37 CFR 1.97(e);			
OR			
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<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. UDC-20101	
In Re Application: Michael Stuur Weaver et al.				
Serial No. 10/043,849	Filing Date 1/10/02	Examiner Unassigned	Group Art Unit Unassigned	
<b>OLEDS HAVING INCREASED EXTERNAL ELECTROLUMINESCENCE QUANTUM EFFICIENCIES</b>				
<p><b>Payment of Fee</b></p> <p>(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))</p> <p><input type="checkbox"/> A check in the amount of _____ is attached.</p> <p><input type="checkbox"/> The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. _____ as described below. A duplicate copy of this sheet is enclosed.</p> <p style="margin-left: 40px;"> <input type="checkbox"/> Charge the amount of _____  <input type="checkbox"/> Credit any overpayment.  <input type="checkbox"/> Charge any additional fee required.         </p>				
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<p>*This certificate may only be used if paying by deposit account.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><i>David B. Bonham</i> _____ Signature</p> <p>David B. Bonham Reg. No. 34,297 Mayer Fortkort &amp; Williams, PC 251 North Avenue West, 2nd Floor Westfield, NJ 07090  703-433-0510 Tel.</p> </div> <div style="width: 45%;"> <p>Dated: <u>Feb. 12, 2002</u></p> </div> </div>				
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2. 1 page Information Disclosure Citation, Form PTO-1449
3. 1 copy of each of 1 US patent, 2 PCT patents

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Docket: UDC-20101

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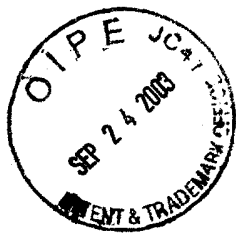
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In Re Application of: Serial No. 10/043,849  
Michael Stuart Weaver et al.  
OLEDs HAVING INCREASED EXTERNAL ELECTROLUMINESCENCE  
QUANTUM EFFICIENCIES

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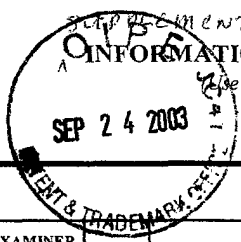
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Docket Number (Optional) <b>UDC-20101</b>		Application Number <b>10/043,849</b>
Applicant(s) <b>Michael Stuart Weaver et al.</b>		
Filing Date <b>1/10/02</b>	Group Art Unit <b>2879</b>	

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	5,371,434	12/6/94	Rawlings	313	506	
	2.	5,618,626	4/8/97	Nagashima et al.	428	429	
	3.	5,814,416	9/29/98	Dodabalapur et al.	428	690	
	4.	5,834,893	11/10/98	Bulovic et al.	313	506	
	5.	5,936,347	8/10/99	Isaka et al.	313	509	
	6.	6,125,226	9/26/00	Forrest et al.	385	131	

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**FOREIGN PATENT DOCUMENTS**

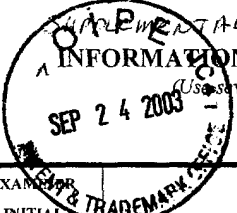
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	1.	WO 01/33598	5/10/2001	PCT	H01J 1	62	✓	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

1.	Paul C.K. Kwok et al., "Designing an External Efficient of Over 30% for Light Emitting Diode," IEEE Lasers and Electro-Optics Society 1998 Annual Meeting, Conference Proceedings, Vol. 1, pp. 187-188.
2.	Takashi Yamasaki et al., "Organic Light Emitting Devices with a Periodic Dielectric Structure as a Scattering Media," IEEE Lasers and Electro-Optics Society 1998 Annual Meeting, Conference Proceedings, Vol. 1, pp. 189-190.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		Docket Number (Optional) <b>UDC-20101</b>		Application Number <b>10/043,849</b>	
		Applicant(s) <b>Michael Stuart Weaver et al.</b>			
		Filing Date <b>1/10/02</b>		Group Art Unit <b>2879</b>	
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		3. Takashi Yamasaki et al., "Organic Light-Emitting Device with an Ordered Monolayer of Silica Microspheres as a Scattering Medium," <i>Applied Physics Letters</i> , Vol. 76, no. 10, March 2000, pp. 1243-1245.			
		4. V. Bulovic et al., "Weak Microcavity Effects in Organic Light-Emitting Devices," <i>Physical Review B</i> , Vol. 58, no. 7, Aug. 15, 1998, pp. 3730-3740.			
		5. H. Yokogawa et al., "New Transparent Substrate with Silica Aerogel Film for Surface-Emissive Devices," <i>Materials Research Society Symposia Proceedings</i> , Vol. 660, pp. JJ519.1-19.6.			
		6. Dan Daly et al., "Little Lenses, Major Markets: Microlens Arrays Provide Optical Versatility in a Miniature Package for Communications, Display, and Imaging Application," <i>Photonics Spectra</i> , July 2001, pp. 120-122.			
		7. A. N. Safonov et al., "Modification of Polymer Light Emission by Lateral Microstructure," <i>Synthetic Metals</i> , Vol. 116, 2001, pp. 145-148.			
		8. Benjamin J. Matterson et al., "Increased Efficiency and Controlled Light Output from a Microstructured Light-Emitting Diode," <i>Advanced Materials</i> , Vol. 13, no. 2, Jan. 16, 2001, pp. 123-127.			
		9. G. Gu et al., "High-External-Quantum-Efficiency Organic Light-Emitting Devices," <i>Optics Letters</i> , Vol. 22, no. 6, March 15, 1997, pp. 396-398.			
		10. C. F. Madigan et al., "Improvement of Output Coupling Efficiency of Organic Light-Emitting Diodes by Backside Substrate Modification," <i>Applied Physics Letters</i> , Vol. 76, no. 13, March 27, 2000, pp. 1650-1652.			
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In Re Application Of: Michael Stuart Weaver et al.			
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Title: <b>OLEDs HAVING INCREASED EXTERNAL ELECTROLUMINESCENCE QUANTUM EFFICIENCIES</b>			
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Docket No.  
UDC-20101

In Re Application: Michael Stuart Weaver et al.

Serial No. 10/043,849	Filing Date 1/10/02	Examiner Unassigned	Group Art Unit 2879
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Signature

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